

## Commercial Space Transportation, FAA, DOT

## § 460.5

I [name of Space Flight Participant] have read and understand this agreement and agree that I am bound by it.

Space Flight Participant

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Federal Aviation Administration of the Department of Transportation on Behalf of the United States Government

By: \_\_\_\_\_

Its: \_\_\_\_\_

Associate Administrator for Commercial Space Transportation

[Docket No. FAA-2012-0232, 77 FR 20535, Apr. 5, 2012]

### PARTS 441–459 [RESERVED]

### PART 460—HUMAN SPACE FLIGHT REQUIREMENTS

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AUTHORITY: 51 U.S.C. 50901–50923.

SOURCE: Docket No. FAA-2005-23449, 71 FR 75632, Dec. 15, 2006, unless otherwise noted.

#### Subpart A—Launch and Reentry with Crew

##### § 460.1 Scope.

This subpart establishes requirements for crew of a vehicle whose oper-

ator is licensed or permitted under this chapter.

##### § 460.3 Applicability.

(a) This subpart applies to:

(1) An applicant for a license or permit under this chapter who proposes to have flight crew on board a vehicle or proposes to employ a remote operator of a vehicle with a human on board.

(2) An operator licensed or permitted under this chapter who has flight crew on board a vehicle or who employs a remote operator of a vehicle with a human on board.

(3) A crew member participating in an activity authorized under this chapter.

(b) Each member of the crew must comply with all requirements of the laws of the United States that apply to crew.

##### § 460.5 Crew qualifications and training.

(a) Each crew member must—

(1) Complete training on how to carry out his or her role on board or on the ground so that the vehicle will not harm the public; and

(2) Train for his or her role in nominal and non-nominal conditions. The conditions must include—

(i) Abort scenarios; and

(ii) Emergency operations.

(b) Each member of a flight crew must demonstrate an ability to withstand the stresses of space flight, which may include high acceleration or deceleration, microgravity, and vibration, in sufficient condition to safely carry out his or her duties so that the vehicle will not harm the public.

(c) A pilot and a remote operator must—

(1) Possess and carry an FAA pilot certificate with an instrument rating.

(2) Possess aeronautical knowledge, experience, and skills necessary to pilot and control the launch or reentry vehicle that will operate in the National Airspace System (NAS). Aeronautical experience may include hours in flight, ratings, and training.

(3) Receive vehicle and mission-specific training for each phase of flight by using one or more of the following—

(i) A method or device that simulates the flight;